

Title (en)

System and method for providing a mesh network using a plurality of wireless access points (WAPs)

Title (de)

System und Verfahren zur Bereitstellung eines mehrere drahtlose Zugangspunkte verwendenden Maschennetzes

Title (fr)

Système et procédé pour fournir un réseau maillé utilisant plusieurs points d'accès sans fil

Publication

EP 1401151 A2 20040324 (EN)

Application

EP 03021047 A 20030917

Priority

- US 41130102 P 20020917
- US 43309402 P 20021213
- US 43598402 P 20021220
- US 60656503 A 20030626

Abstract (en)

A first access point located in a first cell may be coupled to a second access point located in a second cell. Service may be initially provided to an access device by the first access point cell. The access device may subsequently be serviced by a second access point whenever a signal for the access device falls below a specified threshold level. The second cell may be a neighboring cell, which may be located adjacent to the first cell. A first signal may be transmitted from a first beamforming antenna coupled to the first access point, to the second access point via an uplink channel. Similarly, a second signal may be transmitted from a second beamforming antenna coupled to the second access point, to the first access point via a downlink channel. The uplink and downlink channels may be a backhaul channel.

IPC 1-7

H04L 12/28

IPC 8 full level

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CPC (source: EP US)

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Citation (applicant)

- US 2001012279 A1 20010809 - HAUMONT SERGE [FI], et al
- EP 1059773 A2 20001213 - CALY CORP [US]
- EP 1215930 A2 20020619 - MOTOROLA INC [US]

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DOCDB simple family (application)

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